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RECEIVEDMONTHLY WORK ASSIGNMENT STATUS REPORT

MAR 23 1987

SITE NAME/ACTIVITY: Dead Creek Project, Illinois, RI/FS

IEPA-DLPC

PREPARED BY: Michael Miller, Project Manager, E & E

M.L. Miller

DATE: February 12, 1987

Period: January

1. Status of Work and Progress to Date

Work activities for the month of January included installation and development of monitoring wells, subsurface soil sampling, and continuing efforts to resolve access problems at the project sites.

Drilling and sampling activities were completed at sites H and K, and partially completed at sites G, F, and Q. A total of 15 monitoring wells were installed at depths ranging from 23 feet to 33 feet. In addition, six wells were developed using the air lift method described in the work plan, and 10 soil boring were completed. A total of 27 composite soil samples, including 6 field QC samples, were submitted to E & E's Analytical Services Center in Buffalo for analysis. Samples were composited based on the results of field screening, as described in the December status report.

In addition to the field investigations, a meeting was held on January 30 in Chicago to discuss problems encountered in analyzing samples due to the high levels of contaminants found in the samples. At IEPA's request, E & E also developed and submitted a rate sheet in order to account for equipment and materials used during the field investigations.

2. Percentage Completion

The following table provides the percent completion of scope and expenditures as of January 31, 1987.

RI Task	Hours	\$ Expended	Hours % of Budget	% of S Budget Expended	Scope % Complete
1 Initial Meeting	74	5211	123	116	100
2 Work Plan	1027	42,922	327	295	100
3 Associated Support	228	10,576	190	100	100
4 Add'l Data Gathering	303	15,189	168	114	100
5 Describe Current Situ	748	28,202	680	730	100
6 Preliminary Report	290	14,082	263	365	100

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RI Task	Hours	\$ Expended	Hours % of Budget	% of Budget Expended	Scope % Complete
7 Site Investigation	760	118,063	100	100	100
8 Prelim. Remed. Tech	106	5,253	106	132	100
11 Add'l Requirement	133	7,330	133	102	100
20 Add Req. New Scope	108	6,946	35	34	30
21 Revised Scope Devel.	405	20,000	100	100	100
22 Work Plan Revision	118	4,913	33	27	35
25 Add'l Investigations	1462	157,146	34	35	50
26 Analytical Services		152,470		45	45

3. Problems Encountered and Corrective Action

As previously discussed, E & E's Analytical Services Center has encountered several problems in analyzing the soil samples. Alternative analytical methods and procedures were proposed and discussed in the meeting on January 30th in Chicago. The attached memorandum summarizes the items discussed and the solutions reached at the meeting.

In the early part of January, weather conditions and access problems limited the efficiency of the drilling operations. The drill rig bogged down in the mud at one boring location on Site G, and had to be towed out. the combination of limited access to the sites and the muddy conditions led to a partial week of drilling for the week of January 12. The drilling crew as sent home on Thursday of that week because of these factors. No additional mobilization or delay time was charged to the project. With the finalization of access agreements for Cerro Copper and the Village of Sauget properties in late January, site access should no longer pose any problems.

One additional problem was encountered in developing the monitoring wells at Site Q. Due to the lower water table conditions and smaller column of water in these wells (when compared with wells in the east portion of the project area), the air lift method for developing the wells was not successful. Development of such wells will be done by bailing.

4. Activities Planned for Next Reporting Period

Drilling and subsurface soil sampling will continue through the month of February. Barring any unforeseen problems, it is anticipated that drilling will be completed in late February.

5. Key Personnel Changes

None

6. Expenditures for Reporting Period

Direct Labor Hours

628

Expenditures Including Fees

\$93,399

7. Cumulative Expenditures

Direct Labor Hours

5,910

Expenditures Including Fees

\$588,303

8. Projected Expenditures

No change from previously projected expenditures.

9. Expenditures and Manhours (graphic)

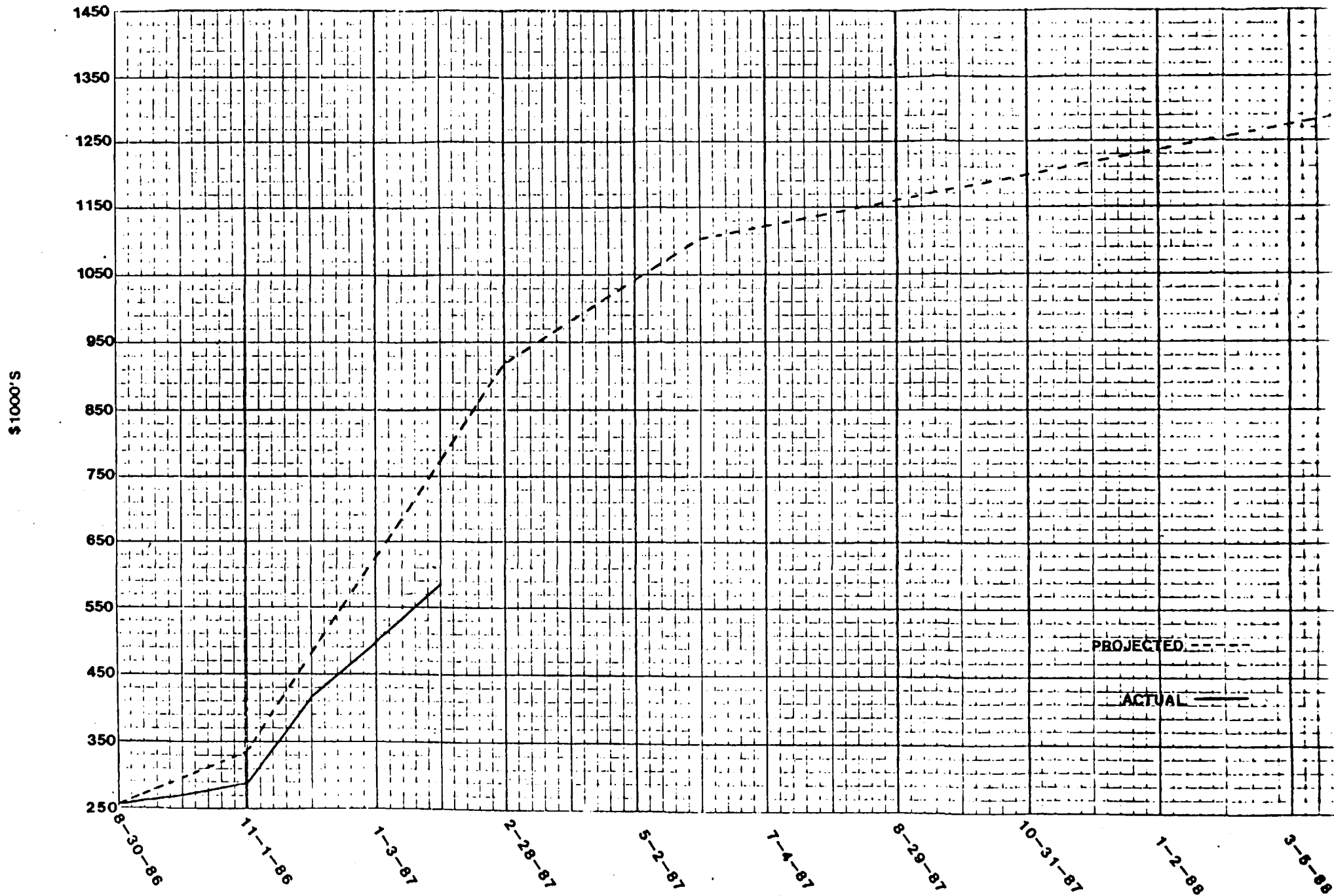
See attached.

10. Target vs. Actual for Activities

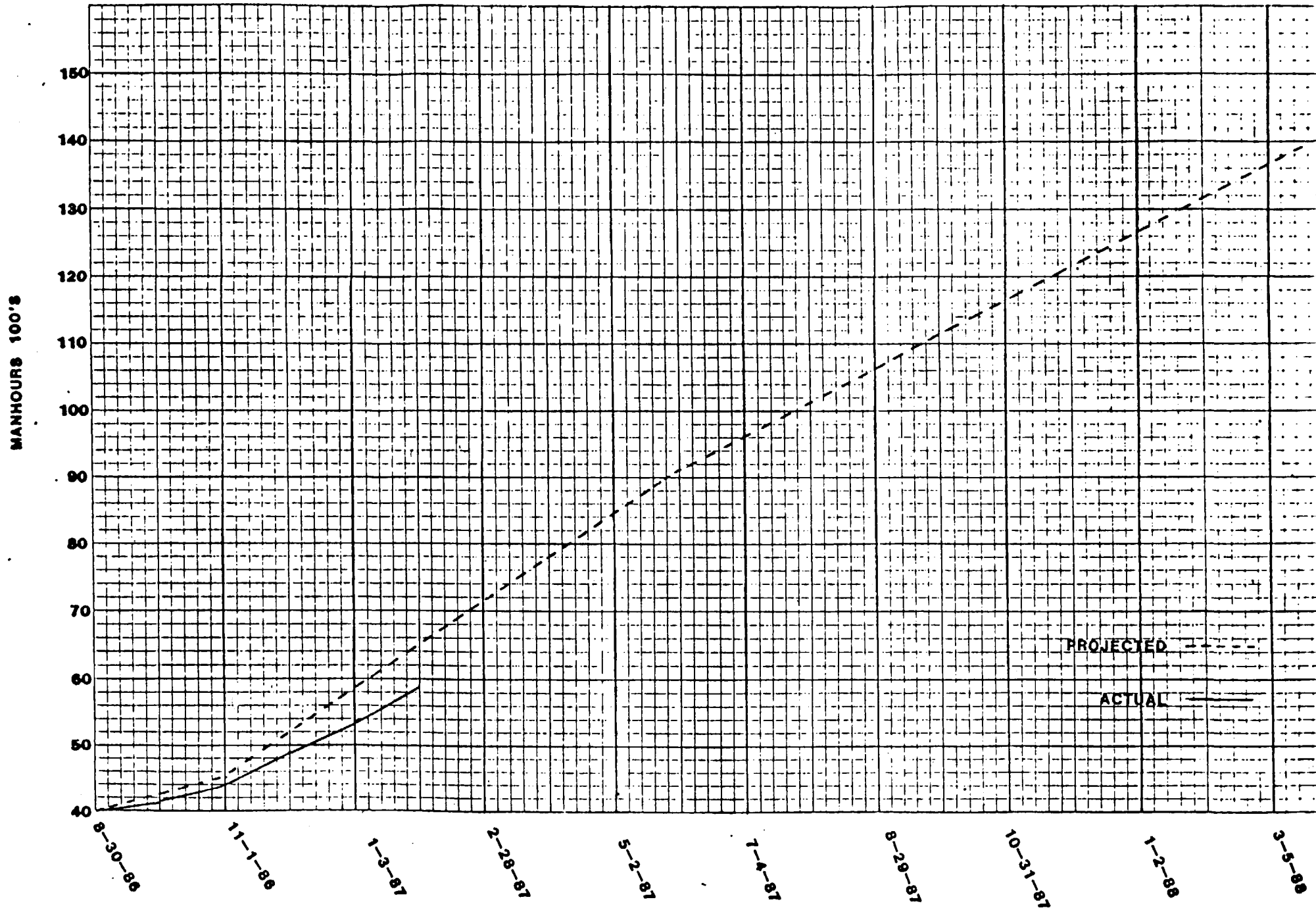
	<u>Target Completion</u>	<u>Actual Completion</u>
1. Initial and Secondary Meeting	3/17/86	3/25/86
2. Work Plan	2/17/86	5/16/86
3. Associated Support	1/24/86	3/25/86
4. Additional Data Gathering	1/24/86	2/22/86
5. Describe Current Situation	3/14/86	7/17/86
6. Preliminary Report	10/15/86	10/13/86
7. Site Investigations	Suspended	(See tasks 22-26)
8. Preliminary Remedial Technology	10/15/86	10/13/86
9. Site Investigation Analysis	Suspended	-----
10. Remedial Investigation Report	Suspended	-----
11. Additional Requirements	10/15/86	
12. Describe Proposed Response	9/11/87	
13. Development of Alternatives	10/19/87	
14. Initial Screen of Alternatives	10/29/87	
15. Laboratory Studies	11/20/87	
16. Evaluation of Alternatives	12/14/87	
17. Draft Feasibility Study	1/29/88	
18. Conceptual Design	4/22/88	
19. Final Report	4/29/88	
20. Additional Requirements	5/27/88	
21. Revised Scope Development	8/01/86	8/05/86
22. Work Plan Revisions	3/27/87	
23. Water Supply Search	5/30/87	
24. Air Monitoring	5/30/87	
25. Additional Investigations	5/30/87	
26. Final Report HRS-RI	9/11/87	

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DEAD CREEK PROJECT EXPENDITURES



DEAD CREEK PROJECT MANHOURS





MEMORANDUM

DATE: March 18, 1987
TO: Karl Reed, QAS
FROM: Jim Frank *JF by BA*
SUBJECT: Refer to: L1630200005 -- St. Clair County
Sauget -- Sauget Sites
Superfund - Technical

The Supplemental QAPP on Air Monitoring at the Sauget Sites will be received by the Agency the week of March 23, 1986. We will be anticipating a 21 day review by QAS. We are notifying you of this expected arrival so that you may easily gage your staff's work load. We appreciate your assistance.

JF:JL/mls/1810g/93

cc: ~~Terry Ayers~~
✓ Jeff Larson
Ron Turpin
Division File
Author